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PATENT
Attorney Docket No.: 021044-001210US

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On June 19, 2002

TOWNSEND and TOWNSEND and CREW, LLP

By: Jane Kane

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

HITOSHI *et al.*

Application No.: 10/026,021

Filed: December 21, 2001

For: SAK: MODULATION OF
CELLULAR PROLIFERATION FOR
TREATMENT OF CANCER

Examiner: Not yet assigned

Art Unit: 1646

COMMUNICATION UNDER

37 C.F.R. §§ 1.821-1.825

AND

PRELIMINARY AMENDMENT

U.S. Patent and Trademark Office
Box SEQUENCE
P.O. Box 2327
Arlington, VA 22202

Sir:

In response to the request to comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, 37 C.F.R. §§ 1.821-1.825, that accompanied the Notice to File Missing Parts of Nonprovisional Application mailed January 30, 2001, Applicants submit herewith the required paper copy and computer readable copy of the Sequence Listing. Please amend the specification in adherence with 37 C.F.R. §§ 1.821-1.825 as follows.

Please replace the paragraph beginning at page 4, line 17, with the following:

--Figure 2 provides an alignment of the SAK kinase domain (SEQ ID NO:3) with other mitotic kinases (SEQ ID NOS:4-7).--

Please replace the paragraph beginning at page 39, line 8, with the following:

--Common linkers such as peptides, polyethers, and the like can also serve as tags, and include polypeptide sequences, such as poly Gly sequences of between about 5 and 200 amino acids (SEQ ID NO:8). Such flexible linkers are known to persons of skill in the art. For example, poly(ethelyne glycol) linkers are available from Shearwater Polymers, Inc. Huntsville, Alabama. These linkers optionally have amide linkages, sulfhydryl linkages, or heterofunctional linkages.--

Please insert the accompanying paper copy of the Sequence Listing, page numbers 1 to 13, at the end of the application.

REMARKS

Applicants request entry of this amendment in adherence with 37 C.F.R. §§1.821 to 1.825. This amendment is accompanied by a floppy disk containing the above named sequences, SEQ ID NOS:1-8, in computer readable form, and a paper copy of the sequence information which has been printed from the floppy disk.

The information contained in the computer readable disk was prepared through the use of the software program "PatentIn" and is identical to that of the paper copy. This amendment contains no new matter.

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PATENT

Attached hereto is a marked-up version of the changes made to the Specification by the current Amendment. The attached pages are captioned "**VERSION WITH MARKINGS TO SHOW CHANGES MADE.**"

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,



Annette S. Parent
Reg. No. 42,058

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Two Embarcadero Center, 8th Floor
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HITOSHI *et al.*
Application No.: 10/026,021
Page 4



PATENT

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

Paragraph beginning at line 17 of page 4 has been amended as follows:

Figure 2 provides an alignment of the SAK kinase domain (SEQ ID NO:3) with other mitotic kinases (SEQ ID NOS:4-7).

Paragraph beginning at line 8 of page 39 has been amended as follows:

Common linkers such as peptides, polyethers, and the like can also serve as tags, and include polypeptide sequences, such as poly Gly ~~gly~~ sequences of between about 5 and 200 amino acids (SEQ ID NO:8). Such flexible linkers are known to persons of skill in the art. For example, poly(ethelyne glycol) linkers are available from Shearwater Polymers, Inc. Huntsville, Alabama. These linkers optionally have amide linkages, sulfhydryl linkages, or heterofunctional linkages.

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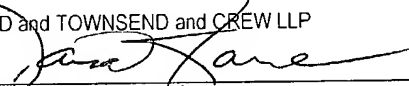
Box Sequence

Attorney Docket No.: 021044-001210US

Assistant Commissioner for Patents,
Washington, D C. 20231, on June 19, 2002

TOWNSEND and TOWNSEND and CREW LLP

By


Dana Kane

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

HITOSHI et al.

Serial No.: 10/026,021

Filed: December 21, 2002

For: SAK: MODULATION OF CELLULAR
PROLIFERATION FOR TREATMENT
OF CANCER

Examiner: Unassigned

Art Unit: 1646

LETTER TO OFFICIAL DRAFTSPERSON

Box Sequence
Assistant Commissioner for Patents
Washington, D.C. 20231

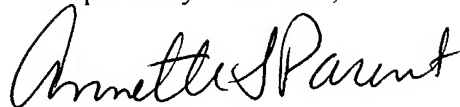
Sir:

Pursuant to the Notice to File Missing Parts of Nonprovisional Application,
applicants submit 20 sheets of formal drawings to be made of record in the above-identified case,

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in compliance with 37 CFR 1.84.

Respectfully submitted,



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